(b) the details of biomass conversion technologies used to achieve the above targets; and

(c) the total biomass power potential India has?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) A target of 775 MW has been set for biomass power projects for the Tenth Plan.

(b) Biomass gasification, combustion'and co-generation technology routes are being deployed for conversion of biomass materials into energy for achieving the above target.

(c) A biomass power potential of about 19,500 MW has been estimated.

Geothermal reservoir in J & K

357. SHRI EKANATH K. THAKUR: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether it is a fact that the geologists have discovered a huge geothermal reservoir in the State of Jammu and Kashmir and the existence of this was previously unkown;

(b) if so, the exact location where this hot water reservoir is discovered and the other details of geothermal reservoir; and

(c) how Government proposes to utilize the same?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) to (c) Yes, Sir. Geothermal investigations by Geological Survey of India and Central Electricity Authority have determined the presence of a geothermal reservoir in Puga Valley of Jammu and Kashmir. Recently, National Geophysical Research Institute, Hyderabad carried out investigations sponsored by this Ministry and have established the existence of a geothermal reservoir in the valley at a depth of 1.5 to 2.0 km towards west of Sumdo village. The reservoir is estimated to be 4 to 5 km thick and has an estimated temperature of 200-250 deg. C. This geothermal resource has potential to be utilized for power generation.